

SEQUENCE LISTING

<110> VAILLANT, ANDREW
JUTEAU, JEAN-MARC

<120> ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV

<130> 029849/0204

<140> 10/661,097
<141> 2003-09-12

<150> PCT/IB03/04573
<151> 2003-09-11

<150> 60/430,934
<151> 2002-12-05

<150> 60/410,264
<151> 2002-09-13

<160> 36

<170> PatentIn Ver. 3.2

<210> 1
<211> 20
<212> DNA
<213> Homo sapiens

<400> 1
ttgataataa gtactaggac

20

<210> 2
<211> 22
<212> DNA
<213> Human herpesvirus 1

<400> 2
gaagcggtcg cacttcgtcc ca

22

<210> 3
<211> 16
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 3
cttgcggtat tcggaa

16

<210> 4
<211> 10
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 4
tccgaagacg 10

<210> 5
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 5
acacacctccga agacgataac 20

<210> 6
<211> 40
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 6
ctacagacat acacacctccga agacgataac actagacata 40

<210> 7
<211> 10
<212> DNA
<213> Human herpesvirus 1

<400> 7
cccccatggaa 10

<210> 8
<211> 20
<212> DNA
<213> Human herpesvirus 1

<400> 8
tacgaccggcc atggagcccc 20

<210> 9
<211> 40
<212> DNA
<213> Human herpesvirus 1

<400> 9
tccagccgca tacgacccccc atggagcccc gccccggagc 40

<210> 10
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 10
gcgtttgctc ttcttcttgc g 21

<210> 11
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 11
gcgtttgctc ttcttcttgc g 21

<210> 12
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 12
aaaaaaaaaaaa aaaaaaaaaaa 20

<210> 13
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 13
ggggggggggg ggggggggggg 20

<210> 14
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 14
cccccccccc ccccccccccc 20

<210> 15
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 15
ttttttttt tttttttttt 20

<210> 16
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 16
acacacacac acacacacac 20

<210> 17
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 17
agagagagag agagagagag 20

<210> 18
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 18
tctctctctc tctctctctc 20

<210> 19
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 19
tgtgtgtgtg tgtgtgtgtg 20

<210> 20
<211> 40
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 20
aaaaaaaaaaa aaaaaaaaaaa aaaaaaaaaaa aaaaaaaaaaa 40

<210> 21
<211> 40
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 21
gggggggggg gggggggggg gggggggggg gggggggggg 40

<210> 22
<211> 40
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 22
cccccccccc cccccccc cccccccc cccccccc 40

<210> 23
<211> 40
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 23
ttttttttt tttttttttt tttttttttt tttttttttt 40

<210> 24
<211> 40
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 24
acacacacac acacacacac acacacacac acacacacac 40

<210> 25
<211> 40
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 25
tctctctctc tctctctctc tctctctctc tctctctctc 40

<210> 26
<211> 40
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 26
agagagagag agagagagag agagagagag agagagagag 40

<210> 27
<211> 120
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<220>
<223> this sequence may encompass 2-120 nucleotides

<400> 27
aaaaaaaaaaa aaaaaaaaaaa aaaaaaaaaaa aaaaaaaaaaa aaaaaaaaaaa aaaaaaaaaaa 60
aaaaaaaaaaa aaaaaaaaaaa aaaaaaaaaaa aaaaaaaaaaa aaaaaaaaaaa aaaaaaaaaaa 120

<210> 28
<211> 120
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<220>
<223> this sequence may encompass 2-120 nucleotides

<400> 28
ccccccccccc cccccccccc cccccccccc cccccccccc cccccccccc cccccccccc 60
ccccccccccc cccccccccc cccccccccc cccccccccc cccccccccc cccccccccc 120

<210> 29
<211> 120
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<220>
<223> this sequence may encompass 2-120 nucleotides

<400> 29
gggggggggg gggggggggggg gggggggggggg gggggggggggg gggggggggggg gggggggggggg 60
gggggggggggg gggggggggggg gggggggggggg gggggggggggg gggggggggggg gggggggggggg 120

<210> 30
<211> 120
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<220>
<223> this sequence may encompass 2-120 nucleotides

<400> 30
tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt 60
tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt 120

<210> 31
<211> 240
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<220>
<223> this sequence may encompass 2-120 'ac' repeats

<400> 31
acacacacac acacacacac acacacacac acacacacac acacacacac acacacacac 60
acacacacac acacacacac acacacacac acacacacac acacacacac acacacacac 120
acacacacac acacacacac acacacacac acacacacac acacacacac acacacacac 180
acacacacac acacacacac acacacacac acacacacac acacacacac acacacacac 240

<210> 32
<211> 240
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<220>
<223> this sequence may encompass 2-120 'ag' repeats

<400> 32
agagagagag agagagagag agagagagag agagagagag agagagagag agagagagag 60
agagagagag agagagagag agagagagag agagagagag agagagagag agagagagag 120
agagagagag agagagagag agagagagag agagagagag agagagagag agagagagag 180
agagagagag agagagagag agagagagag agagagagag agagagagag agagagagag 240

<210> 33
<211> 240

<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<220>
<223> this sequence may encompass 2-120 'at' repeats

<400> 33
atatatatat atatatatat atatatatat atatatatat atatatatat 60
atatatatat atatatatat atatatatat atatatatat atatatatat 120
atatatatat atatatatat atatatatat atatatatat atatatatat 180
atatatatat atatatatat atatatatat atatatatat atatatatat 240

<210> 34
<211> 240
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<220>
<223> this sequence may encompass 2-120 'cg' repeats

<400> 34
cgcgcgcgcg cgcgcgcgcg cgcgcgcgcg cgcgcgcgcg cgcgcgcgcg 60
cgcgcgcgcg cgcgcgcgcg cgcgcgcgcg cgcgcgcgcg cgcgcgcgcg 120
cgcgcgcgcg cgcgcgcgcg cgcgcgcgcg cgcgcgcgcg cgcgcgcgcg 180
cgcgcgcgcg cgcgcgcgcg cgcgcgcgcg cgcgcgcgcg cgcgcgcgcg 240

<210> 35
<211> 240
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<220>
<223> this sequence may encompass 2-120 'ct' repeats

<400> 35
ctctctctct ctctctctct ctctctctct ctctctctct ctctctctct 60
ctctctctct ctctctctct ctctctctct ctctctctct ctctctctct 120
ctctctctct ctctctctct ctctctctct ctctctctct ctctctctct 180
ctctctctct ctctctctct ctctctctct ctctctctct ctctctctct 240

<210> 36
<211> 240

```
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
      oligonucleotide

<220>
<223> this sequence may encompass 2-120 'gt' repeats

<400> 36
gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt 60
gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt 120
gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt 180
gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt 240
```